

REMARKS

Claim 12 has been canceled. Claims 1-11 and 13 remain pending in the application. Claims 7-9 have been withdrawn from consideration. Applicants amend claim 1 for clarification and amend claims 2-6 for consistency. No new matter has been added.

Applicants acknowledge with appreciation the finding that claims 2-6, 11, and 13 contain allowable subject matter. Applicants respectfully submit that base claim 1, from which these claims depend, is patentable over the reference cited against it. Accordingly, Applicants request that the Examiner allow claims 2-6, 11, and 13.

Claims 1 and 10 stand rejected under 35 U.S.C. § 102(b) as being anticipated by Japanese Patent Application Publication No. 04-160380 to Goto et al. Applicants amend claim 1 in a good faith effort to clarify the invention as distinguished from the cited reference, and respectfully traverse the rejection.

Goto et al., as cited and relied upon by the Examiner, do not disclose,

“[i]n an apparatus for measuring a magnetic field comprising a superconducting quantum interference device (SQUID) inductively coupled to a gradiometer, a device for shielding the SQUID from radio frequency interference (RFI) picked up through the gradiometer, the device including:
a filter circuit having a resistor-capacitor (RC) combination interconnected to first and second terminals so that the filter circuit is electrically parallel to both an input coil of the SQUID and the gradiometer, wherein the filter circuit is effective to shunt both magnetically-induced and electrically-induced components of RFI generated in the gradiometer away from the input coil, and wherein the filter circuit includes one or more capacitors connected to a system ground,” as recited in claim 1. (Emphasis added)

Accordingly, Applicants respectfully submit that claim 1, together with claim 10 dependent therefrom, is patentable over Goto et al. for at least the above-stated reasons.

In view of the remarks set forth above, this application is in condition for allowance which action is respectfully requested. However, if for any reason the Examiner should

consider this application not to be in condition for allowance, the Examiner is respectfully requested to telephone the undersigned attorney at the number listed below prior to issuing a further Action.

Any fee due with this paper may be charged to Deposit Account No. 50-1290.

Respectfully submitted,

/Dexter Chang/

Dexter T. Chang

Reg. No. 44,071

CUSTOMER NUMBER 026304

Telephone: (212) 940-6384

Fax: (212) 940-8986 or 8987

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